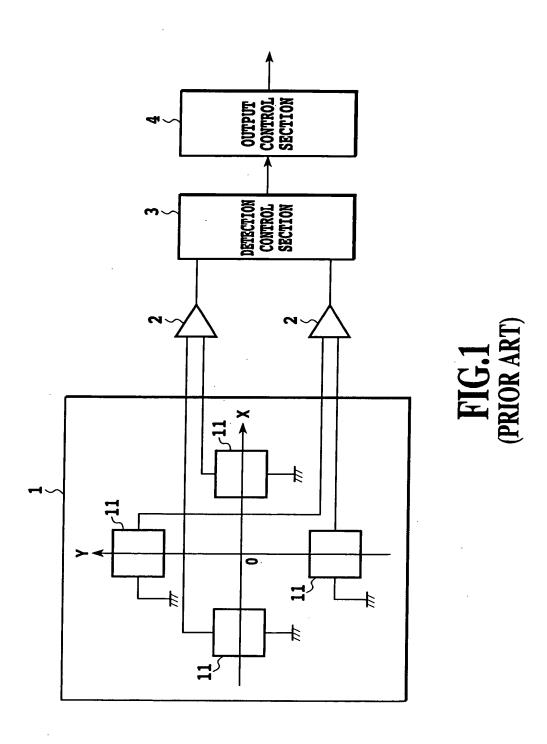
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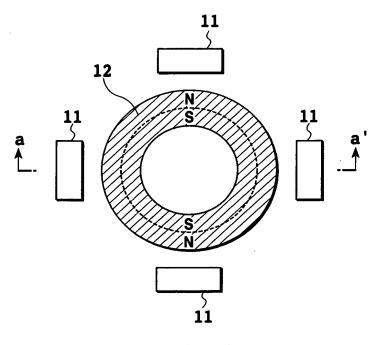


FIG.2A

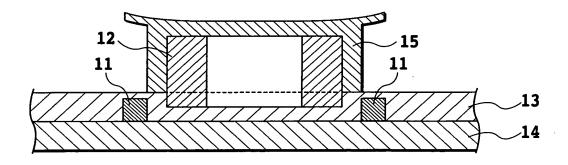
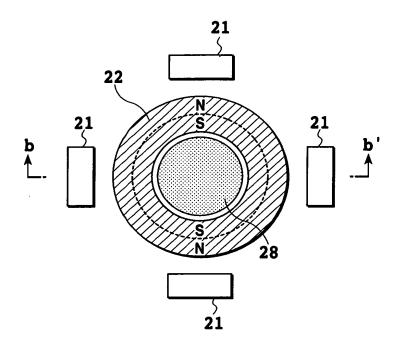


FIG.2B



## FIG.3A

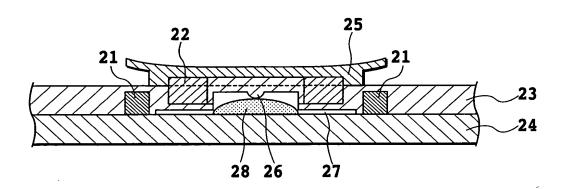
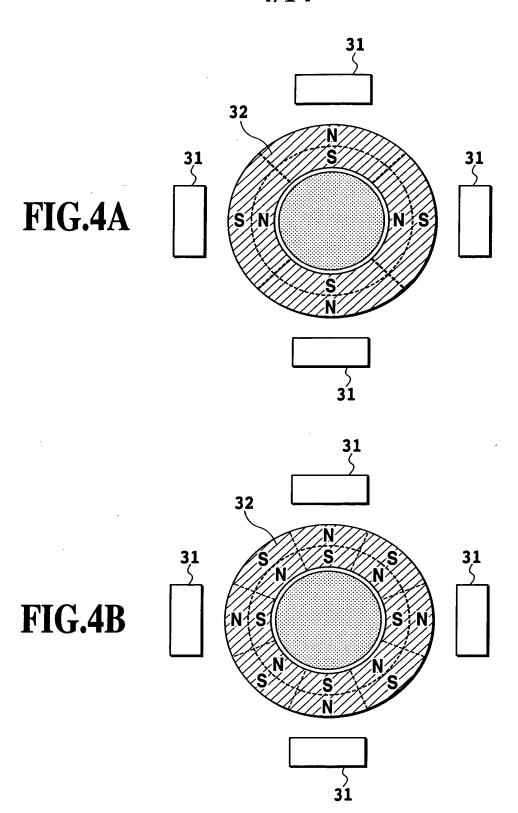


FIG.3B

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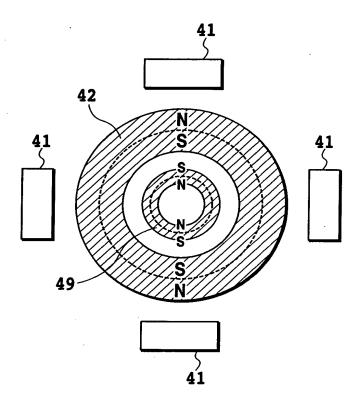


FIG.5

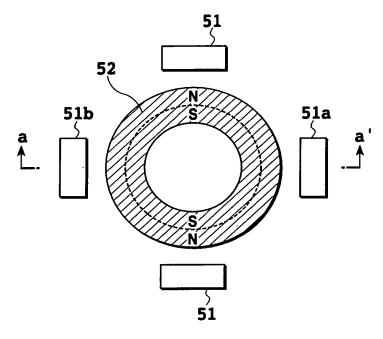


FIG.6A

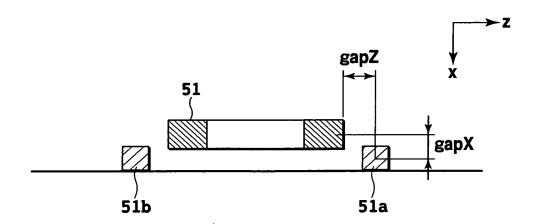
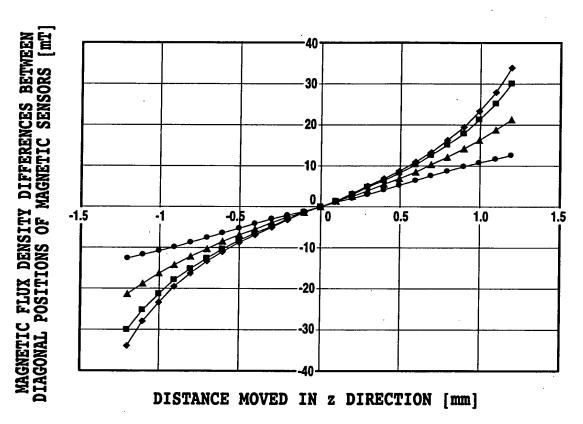
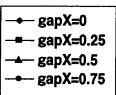


FIG.6B

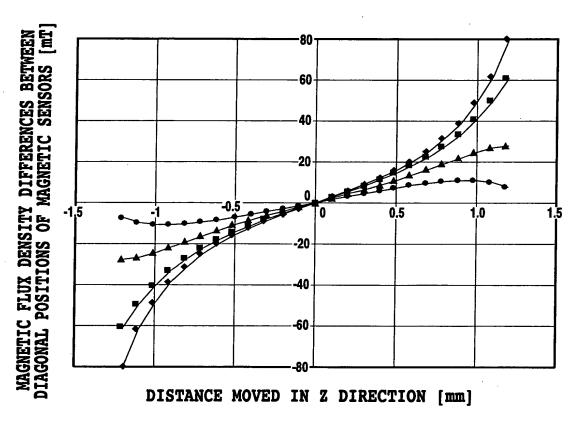


OUTPUT CHARACTERISTICS OF POINTING DEVICE @gapZ=2mm (MAGNETIC FORCE SIZE:  $\phi$ 13× $\phi$ 8.8×0.5t, COERCIVE FORCE 460 kA/m, CALCULATED VALUES)

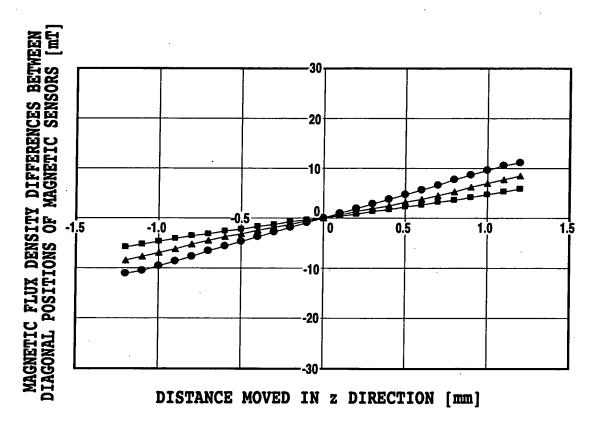


- gapX=0 - gapX=0.25

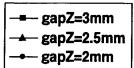
gapX=0.5 gapX=0.75



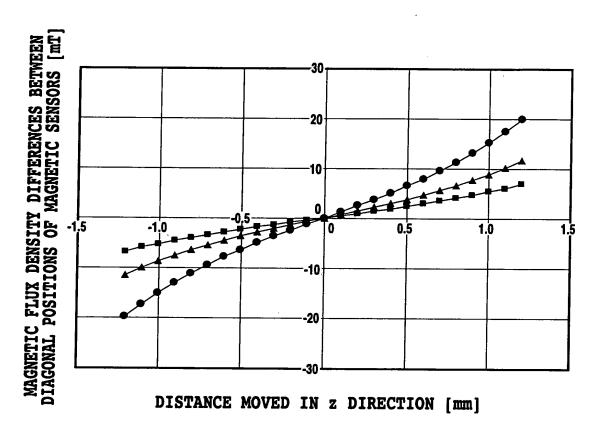
OUTPUT CHARACTERISTICS OF POINTING DEVICE @gapZ=1.6mm (MAGNETIC FORCE SIZE: \$\phi 13 \times \phi 8.8 \times 0.5t, COERCIVE FORCE 460 kA/m, CALCULATED VALUES)



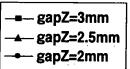
OUTPUT CHARACTERISTICS OF POINTING DEVICE (MAGNETIC FORCE SIZE:  $\phi$ 11.78× $\phi$ 5×0.485t, CALCULATED VALUES)

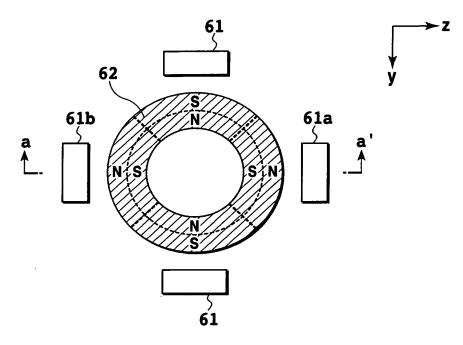


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OUTPUT CHARACTERISTICS OF POINTING DEVICE (MAGNETIC FORCE SIZE:  $\phi$ 11.78× $\phi$ 5×0.485t, CALCULATED VALUES)





# FIG.11A

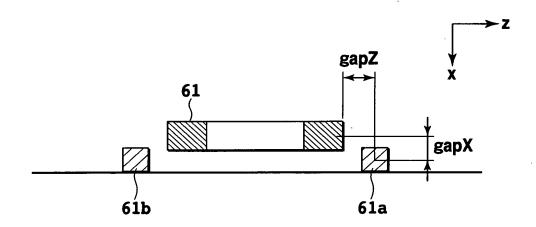
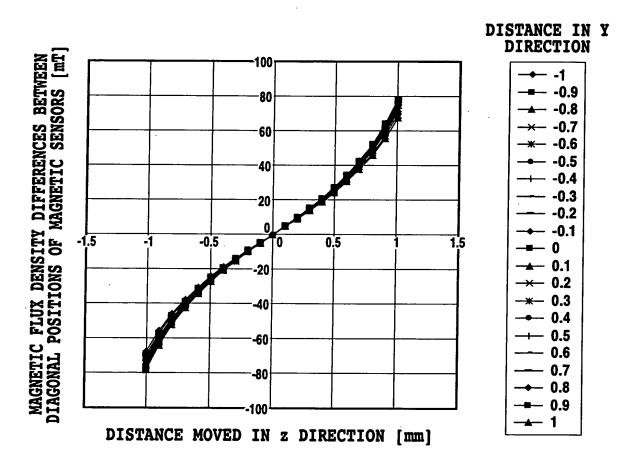


FIG.11B

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DISTRIBUTION OF
MAGNETIC FLUX DENSITY DIFFERENCES
BETWEEN RIGHT AND LEFT HALL ELEMENTS
(MEASURED VALUES)

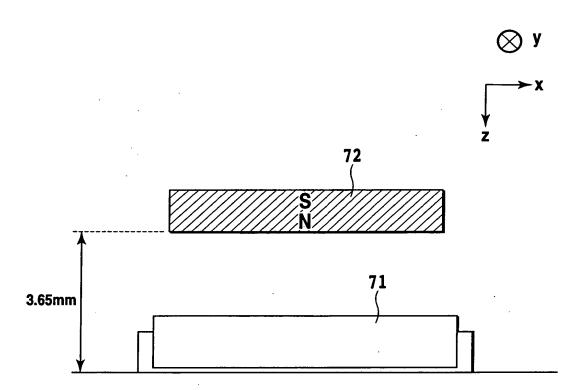
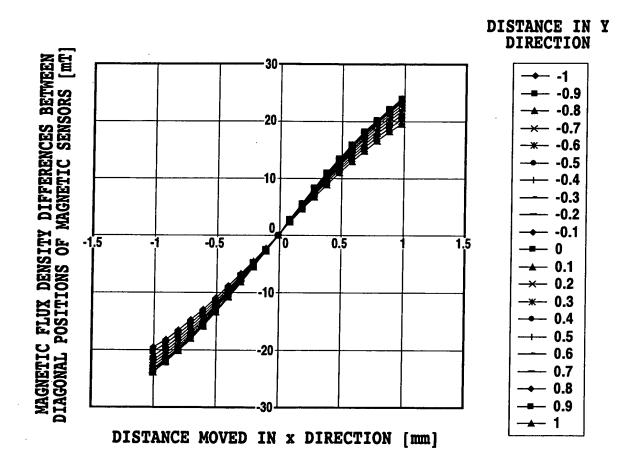


FIG.13 (PRIOR ART)

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DISTRIBUTION OF MAGNETIC FLUX DENSITY DIFFERENCES BETWEEN RIGHT AND LEFT HALL ELEMENTS

FIG.14 (PRIOR ART)